S
368.41
I2w
1973
C.1

STATE DOCUMENTS
1-31-74

WORK INJURIES IN MONTANA

7/1/72 - 6/30/73

SERVING MONTANA EMPLOYERS

& EMPLOYEES SINCE 1915

58th YEAR

DUE
MAY 1 1976
1965
Montana State Library
3 0864 1005 1884 7

STATE OF MONTANA
DEPARTMENT OF LABOR AND INDUSTRY
WORKMEN'S COMPENSATION DIVISION
815 FRONT STREET
HELENA, MONTANA 59601
THOMAS L. JUDGE, GOVERNOR

LAWRENCE M. ZANTO
[redacted]
ADMINISTRATOR

December 31, 1973

The Honorable Thomas L. Judge
Governor of Montana
State Capitol
Helena, Montana 59601

Dear Governor Judge:

Pursuant to Section 92-842, Revised Codes of Montana, 1947, we are transmitting herewith the fifty-eighth annual Work Injury Report of the Division of Workmen's Compensation.

Very truly yours,

/s/ Lawrence M. Zanto
Administrator

ATTEST:

/s/ Margaret Condon
Secretary

CONTENTS

Letter of Transmittal

Preface i

Bureau of Safety and Health 29

LIST OF TABLES

TABLE NO.	TITLE	PAGE
1	Comparative Summary of Activity (Plan I)	1
2	Comparative Summary of Activity (Plan II)	1
3	Comparative Summary of Activity (Plan III)	2
4	Operational Cost	3
5	Silicosis Fund	4
6	Disputed Claims by Plan	5
7	Disabling Work Injuries per 1,000 Workers	6
8	Fatalities by Industry	8
9	Cause of Death by Majory Industry	10
10	Deaths and Death Rates	12
11	Disabling and Nondisabling Injuries	13
12	Work Injury Experience in Montana	14
13	Accident Type by Major Industry	17
14	Agency by Major Industry	18
15	Nature of Injury by Major Industry	19
16	Body Location by Major Industry	20
17	Nature of Injury by Body Location	21
18	Agency by Accident Type	22
19	Sex and Marital Status by Age Group	23
20	Age and Industry Division	24

CONTENTS (Concluded)

TABLE NO.	TITLE	PAGE
21	Distribution of Weekly Wages	25
22	Work Injuries by County	27
23	Performance Indicators	31

LIST OF CHARTS

CHART NO.	TITLE	PAGE
1	Disabling Injuries per 1,000 Employees	15
2	Reported Work Injuries by Body Location	16
3	Distribution of Weekly Wages of Injured Workers	26

P R E F A C E

The year 1973 was marked by a concerted effort toward administrative improvement in the Division of Workmen's Compensation.

Governor Thomas L. Judge selected two professional administrators to head the agency's efforts. The first priority was improvement in administrative control and accountability within the agency's operations. Reorganization of the field audit unit, increased emphasis upon prompt collection of compensation premium payments, appointment of a management analyst to provide professional assistance in internal improvement efforts and other related revisions were all designed to significantly strengthen the Division's delivery system.

Major legislation affecting working people was enacted in the 1973 legislature. Twenty-five significant bills were passed. Among the most important were mandatory coverage for virtually all workers in the state, which will result in some 25,000 new workers having compensation coverage; upgrading of medical and death benefits, significant improvement in permanent-partial, temporary-total and permanent-total disability benefits and enactment of an effective subsequent injury fund. The legislation followed recommendations established in a report of the President's Commission on State Workmen's Compensation Laws. That report was largely critical of state compensation programs and called upon the states to either overhaul their delivery systems or face federal intervention. Montana's 1973 legislative efforts represented a major step in the direction of state improvement.

Two major pieces of legislation affecting the Division remain for decision by the 1974 legislature. Senate Bill 48, the Montana Occupational Safety and Health Act, would allow state administration of the federal industrial safety and health program.

House Bill 294 would abolish the Division and transfer its functions to the Department of Labor and Industy. Both bills were debated extensively during the 1973 legislature and ultimately held for further study during the 1974 session.

Digitized by the Internet Archive
in 2011 with funding from
Montana State Library

http://www.archive.org/details/workinjuries19721973mont

PLAN I

Table 1 reflects the experience of the self-insured employers enrolled under Plan I of the Workmen's Compensation Act during the 58th year.

TABLE 1

COMPARATIVE SUMMARY OF ACTIVITY
57th Year - 58th Year
PLAN I

	1971-1972	1972-1973
Number of employers enrolled	74	71
Gross annual payroll	$170,288,440.96*	$191,416,246.30
Number of work injuries reported	2,822	3,216
Number of claims filed	585	729
Occupational disease cases reported	0	3
Compensation benefits paid	1,007,500.00**	910,991.34
Hospital, medical & burial benefits paid	540,500.00**	669,130.34
Second injury fund contributions	500.00	500.00
Plan I administrative assessments	59,292.48	51,505.47

TABLE 2

COMPARATIVE SUMMARY OF ACTIVITY
57th Year - 58th Year
PLAN II

	1971-1972	1972-1973
Number of employers enrolled	7,615	8,243
Gross annual premium	$6,802,222.77*	$9,807,059.26
Number of work injuries reported	9,995	11,366
Number of claims filed	1,435	1,825
Occupational disease cases reported	0	2
Compensation benefits paid	2,236,000.00**	3,199,443.61
Hospital, medical & burial benefits paid	1,398,600.00**	2,427,718.13
Second injury fund contributions	1,000.00	6,500.00
Plan II administrative assessments	235,827.08	337,642.44

*For calendar year 1971
**Estimated amounts

TABLE 3

COMPARATIVE SUMMARY OF ACTIVITY
57th Year - 58th Year
PLAN III

	1971-1972	1972-1973
Number of employers enrolled	8,175	8,173
Paid premium	$8,750,266.05	$9,475,148.36
Number of work injuries reported	9,622	9,239
Number of claims filed	1,678	1,578
Occupational disease cases reported	0	1
Compensation benefits paid	4,272,867.94	4,417,332.98
Hospital, medical & burial benefits paid	1,846,538.54	1,724,684.68
Second injury fund contributions	1,500.00	3,500.00
Plan III administrative assessments	590,000.00	590,000.00

WORKMEN'S COMPENSATION DIVISION ADMINISTRATION ACCOUNT
INCOME AND DISBURSEMENTS

A total of $962,157.80 was spent for the administration of the Workmen's Compensation Act during the 58th year of the Act's existence. This is an increase of $67,031.98 over the cost of the 57th year.

The cost of the administration of the Act is borne by the assessment of self-insured employers, insurance carriers and the Industrial Insurance Fund.

Income for the Administrative Fund for the 58th year:

Plan I	$ 60,455.79
Plan II	236,383.20
Plan III	590,000.00
Boiler Inspection	33,047.35
Occupational Disease Filing Fee	4,041.00
Refunds	15,953.77
Adjustment	0.00
	$ 939,881.11
Balance - June 30, 1973	76,763.60
TOTAL	$1,016,644.71

Disbursements necessary to administer the Workmen's Compensation Act are charged to the plan causing the disbursements. Disbursements by plan for the 58th year were as follows:

Plan I	$124,761.04
Plan II	339,744.24
Plan III	436,835.77
Boiler Inspection	60,816.75
TOTAL	$962,157.80
Balance - June 30, 1973	$ 54,486.91

TABLE 4

PROPORTIONATE COST OF OPERATING
THE WORKMEN'S COMPENSATION DIVISION
(Percentage by Plan)

Plan	Percentage
Plan I	12.97%
Plan II	35.30
Plan III	45.40
Boiler Inspection	6.33
	100.00%
Increase in cost of 1973 fiscal year	7.49%

TABLE 5

SILICOSIS FUND

Period: July 1, 1972 through June 30, 1973

Add:	Appropriation for Benefits	$632,120.00	
	Appropriation for Operations	11,880.00	
	Appropriation for Personal Services	6,000.00	
	Cancelled Warrants (Benefits)	3,962.50	
Total			$653,962.50
Less:	Benefits		609,157.86
Less:	Operation Expenses:		
	Supplies and Materials	196.66	
	Travel	805.06	
	Medical Exams	6,214.83	
	Postage	353.26	7,569.81
Less:	Personal Services Expenses:		
	Salaries	4,804.28	
	P.E.R.S. and Social Security	618.86	5,423.14
Add:	Accruals		127.11
Ending Cash Balance June 30, 1973			$ 31,938.80

SILICOSIS BENEFITS

	Claimants	Benefits	Administrative	Decrease
1961-62	765	$697,118.22	$24,016.76	
1962-63	713	722,924.41	15,100.68	52
1963-64	657	616,047.00	13,210.15	56
1964-65	602	575,468.00	15,158.01	55
1965-66	547	626,693.50	9,624.19	55
1966-67	508	584,667.00	8,314.62	39
1967-68	455	745,610.93	8,294.19	53
1968-69	412	664,966.39	8,848.89	43
1969-70	391	683,367.75	12,381.26	21
1970-71	363	650,021.48	10,973.88	28
1971-72	322	644,713.72	9,549.85	41
1972-73	303	609,157.86	12,992.85	19

CLAIMS

The claims department processed 9,239 work injuries and 1,578 claims under Plan III during the 58th year. This is a decrease of 4.0% in work injuries reported and a 6.0% decrease in the number of claims filed.

HEARINGS AND ADJUDICATIONS

A total of 4,132 claims for lost time were filed during the past fiscal year. There was a total of 167 hearings held under all three plans of coverage. The disputes involved degree of disability in the large majority of these cases. The disputed cases were placed on the docket and were disposed of either through formal hearings and/or agreed settlements.

The following table reflects the hearings activity by plan for the past three years:

TABLE 6

HEARINGS HELD BY PLAN
July 1, 1970 through June 30, 1973

Plan	56th Year	% of Total	57th Year	% of Total	58th Year	% of Total
I	31	19%	23	15%	26	15%
II	108	65%	106	71%	98	59%
III	27	16%	20	14%	43	26%
TOTAL	166	100%	149	100%	167	100%

OCCUPATIONAL DISEASE

Six occupational disease cases were reported by employers under the Occupational Disease Act for the 58th year.

WORK INJURY RATE

Montana's overall work injury rate, all nonagricultural industry combined, based on the number of disabling injuries per 1,000 workers, increased by 2.5 from 31.0 per 1,000 workers, to 33.5 per 1,000 workers.

All major industry divisions, with the exception of three, experienced a higher disabling injury rate during the 58th year. Transportation, communication and utilities decreased .4, service decreased .3, and state and local government decreased 1.1 disabling injuries per 1,000 workers.

TABLE 7

DISABLING WORK INJURIES PER 1,000 WORKERS

Industry Division	1971-72	1972-73	Change
All Industry	31.0	33.5	+ 2.5
Mining	61.5	75.4	+13.9
Construction	87.1	106.1	+19.0
Manufacturing	81.2	86.5	+ 5.3
Transportation, Communication and Utilities	23.9	23.5	- .4
Finance, Insurance and Real Estate	3.5	4.2	+ .7
Trade	22.2	25.2	+ 3.0
Service	15.0	14.7	- .3
State and Local Government	16.9	15.8	- 1.1

WORK FATALITIES

The number of compensable fatalities increased from 48 in 1971-72 to 56 in 1972-73. Three industry divisions, Manufacturing, Contract Construction, and Mineral Extraction, accounted for 58.9% of the fatalities experienced during the 58th year.

The work fatality rate for the 1972-73 period for all industries combined was 2.6 deaths per 10,000 employees, up 0.2 from 1972. The 5-year average death rate per 10,000 employees, July 1, 1968 through June 30, 1973 is 2.5.

NATURE OF INJURY

With reference to the basic injury inflicted upon the worker in industry relative to frequency, we find that cuts, lacerations and punctures attained the dubious distinction of being first in frequency, accounting for 27.1% of the total. Strains, sprains and dislocations follow closely behind with 25.3% of the total. Bruises and contusions accounted for 15.2%, with the fracture category accounting for 6.9% of the total. These four categories, of the twelve considered, accounted for 74.5% of the total of reportable work injuries.

NATURE OF INJURY (Concluded)

Injuries to the upper extremities (arms, hands and fingers) were the most frequent, accounting for 8,384, or 35.2% of the total.

Injuries to the back and trunk were second in frequency with 5,584 reportable injuries for 23.5% of the total.

The trend relative to nature of injury by body location remains relatively unchanged from the preceding year.

AGENCY

Working surfaces led all agencies as the agency responsible for the greatest number of work injuries reported, with 18.1% of the total chargeable work injuries.

Hand tools, as an agency, was the next in line accounting for 4,201 or 17.6% of the total.

Motion or Pressure, as an identifiable agency, holds a third-place ranking with 10.5% of the total.

Taken collectively, the three most common agencies mentioned accounted for approximately 46.2% of all injuries reported.

ACCIDENT TYPE

The accident type classification identifies the event which directly resulted in the injury. The experience relative to accident type was very similar to last year. Struck by or striking against objects, machines or equipment was still the most common classification with 9,073, or 38.1% of the total. Falls and slips were second with 4,663, or 19.6% of the total. Strain or overexertion, as a casual factor, still retained third ranking with 3,588 or 15.1% of the total. The three classifications combined account for approximately 72.8% of the total number of reportable work injuries.

AGE AND SEX OF INJURED WORKERS

The average age of women employees who suffer injuries went down close to the average age of men injured. The median age for injured women is 35.9 years compared with 31.0 years for men during the 58th year.

During the 58th year, 12.4% of all job injuries were sustained by women employees. This is a .9% decrease from the 57th year.

STATISTICAL SUMMARY

Statistical tables and charts covering the 58th year work injury experience will be found on the following pages.

TABLE 8

FATALITIES* BY INDUSTRY

July 1, 1972 - June 30, 1973

INDUSTRY	PLAN I	PLAN II	PLAN III	TOTAL
AGRICULTURE & AGRICULTURAL SERVICES				
General Farms	0	0	1	
Misc. Farms	0	1	0	
Animal Husbandry	0	1	0	
				9
MINERAL EXTRACTION				
Copper Ores	2	0	0	
Oil & Gas Field Services	0	2	3	
Dimension Stone	0	1	0	
Sand & Gravel	0	1	0	
				10
CONTRACT CONSTRUCTION				
General Building Contractors	0	2	1	
Highway & Street Construction	0	2	0	
Heavy Const. except Highway	0	0	3	
Plumbing, Heating, Air Cond.	0	1	0	
Painting, Paper Hanging	0	1	0	
				14
MANUFACTURING				
Meat Products	0	1	0	
Sugar Production	1	0	0	
Logging Camps, Logging Contractors	1	4	3	
Sawmills	1	1	0	
Petroleum Refining	1	0	0	
Concrete gypsum, plaster prod.	0	1	0	
Abrasive asbestos, Misc. non-metal minerals	0	0	0	
				6
TRANSPORTATION, COMMUNICATION & PUBLIC UTILITIES				
Trucking, local & long distance	0	1	2	
School Buses	0	0	1	
Air Transportation-certified	0	0	1	
Electric Companies & Systems	0	1	0	
				5
TRADE				
Groceries & related products	0	0	1	
Motion vehicle dealers	0	1	0	
Tire, battery, acc. dealers	0	1	0	
Gasoline service stations	0	1	0	
Misc. aircraft, marine, auto	0	1	0	
				0
FINANCE, INSURANCE & REAL ESTATE				

TABLE 8
FATALATIES BY INDUSTRY (Continued)

INDUSTRY	PLAN I	PLAN II	PLAN III	TOTAL
SERVICES				2
Hotels, tourist courts, motels	0	1	0	
Misc. amusement, recreational	0	0	1	
GOVERNMENT				7
State Agency, Misc.	0	0	1	
All local city, city agencies except schools	0	0	3	
School districts (all public)	0	0	3	
TOTALS	6	26	24	56

*Deaths for which findings and awards have been issued by the Workmen's Compensation Division.

TABLE 9

CAUSE OF DEATH BY MAJOR INDUSTRY

July 1, 1972 - June 30, 1973

INDUSTRY	PLAN I	PLAN II	PLAN III	TOTAL
AGRICULTURE & AGRICULTURAL SERVICES				3
Struck by car	0	1	0	
Drowned	0	1	0	
Dragged by horse	0	0	1	
MINERAL EXTRACTION				9
Crushed between mine motor and wall	1	0	0	
Heart attack	1	0	0	
Crushed in rock slide	0	1	0	
Struck on head	0	1	0	
Tank truck explosion	0	1	0	
Drowned	0	1	0	
Pinned under drilling unit	0	0	1	
Pinned under derrick	0	0	1	
Electrocution	0	0	1	
CONTRACT CONSTRUCTION				10
Pick-up truck accident	0	1	0	
Fell from scaffold	0	1	0	
Heart attack	0	1	0	
Auto accident	0	1	0	
Truck accident	0	1	0	
Pinned under machinery	0	1	0	
Suffocation	0	0	1	
Run over by tractor	0	0	1	
Electrocution	0	0	1	
Pinned under tractor	0	0	1	
MANUFACTURING				14
Rolled cat down hill	1	0	0	
Burned in refinery	1	0	0	
Crushed by R.R. car	1	0	0	
Suffocation by cave-in	1	0	0	
Heart attack	0	1	0	
Struck by falling tree	0	2	2	
Caught in gravel loader	0	1	0	
Pinned under machine	0	1	0	
Struck by falling logs	0	1	0	
Caught in machine	0	1	0	
Truck accident	0	0	1	

TABLE 9
CAUSE OF DEATH BY MAJOR INDUSTRY

INDUSTRY	PLAN I	PLAN II	PLAN III	TOTAL
TRANSPORTATION, COMMUNICATION, PUBLIC UTILITIES				6
Electrocution	0	1	0	
Asphyxiation	0	1	0	
Fell carrying ¼ beef	0	0	1	
Truck accident	0	0	1	
Helicopter crash	0	0	1	
Crushed under trailer	0	0	1	
TRADE				5
Auto accident	0	1	0	
Gunshot	0	1	0	
Truck accident	0	2	0	
Kicked in chest by horse	0	0	1	
FINANCE, INSURANCE, REAL ESTATE				0
SERVICES				2
Slipped on ice	0	1	0	
Bee sting	0	0	1	
GOVERNMENT				7
Car Accident	0	0	4	
Suffocation	0	0	1	
Heart Attack	0	0	1	
Hit by falling rock	0	0	1	
TOTALS	6	26	24	56

TABLE 10

DEATHS AND DEATH RATES

July 1, 1951 through June 30, 1973

YEAR	DEATHS	WORKERS* (thousands)	DEATHS PER 10,000 WORKERS
1951-1952	81	153	5.3
1952-1953	73	154	4.7
1953-1954	68	155	4.4
1954-1955	87	160	5.4
1955-1956	77	167	4.6
1956-1957	85	167	5.1
1957-1958	61	162	3.7
1958-1959	59	165	3.6
1959-1960	68	167	4.1
1960-1961	49	169	2.9
1961-1962	53	171	3.1
1962-1963	51	174	2.9
1963-1964	59	175	3.4
1964-1965	65	178	3.7
1965-1966	47	183	2.6
1966-1967	56	187	3.0
1967-1968	51	190	2.7
1968-1969	45	196	2.3
1969-1970	51	198	2.6
1970-1971	49	201	2.4
1971-1972	48	204	2.4
1972-1973	56	212	2.6

*Number of workers in non-agricultural industries in Montana.

Source: Monthly Review of Montana Labor Market, Montana State Employment Service, Division of Employment Security.

WORK FATALITIES

Montana industry once again contributed its share to the national industrial mortality rate of some 14,100 industrial fatalities. 56 job-related fatalities were recorded in the state this past year and of these 14 or 25% occurred in manufacturing. In relation to job-related fatalities, this gave the manufacturing industry the dubious distinction of being the most hazardous employment last year.

It is noteworthy that of the 56 job-related fatalities, vehicles represented the single most frequent source of industrial deaths, accounting for 16 fatalities. Automobiles and trucks were involved in 11 fatal work accidents and heavy equipment was involved in 5 fatal work accidents.

TABLE 11

DISABLING AND NONDISABLING INJURIES

July 1, 1962 through June 30, 1973

YEAR	TOTAL INJURIES	DISABLING	PERCENT OF TOTAL	NON DISABLING	PERCENT OF TOTAL	UNDETER-MINED	PERCE OF TOT
1962-1963	21,005	5,968	28.4	14,672	70.0	365	1.6
1963-1964	21,393	6,202	29.0	14,744	68.9	447	2.1
1964-1965	22,032	6,227	28.3	15,324	69.5	481	2.2
1965-1966	22,949	6,178	27.0	16,233	70.7	538	2.3
1966-1967	22,767	6,329	27.8	15,880	69.8	558	2.5
1967-1968	22,799	6,590	28.9	15,491	68.0	718	3.2
1968-1969	23,195	6,661	28.7	15,826	68.2	708	3.1
1969-1970	22,476	6,549	29.1	14,914	66.4	1,013	4.5
1970-1971	21,986	5,832	26.5	14,872	67.6	1,282	5.8
1971-1972	22,439	6,180	27.5	15,005	66.9	1,254	5.6
1972-1973	23,821	6,927	29.0	15,938	66.9	956	4.0

TABLE 12

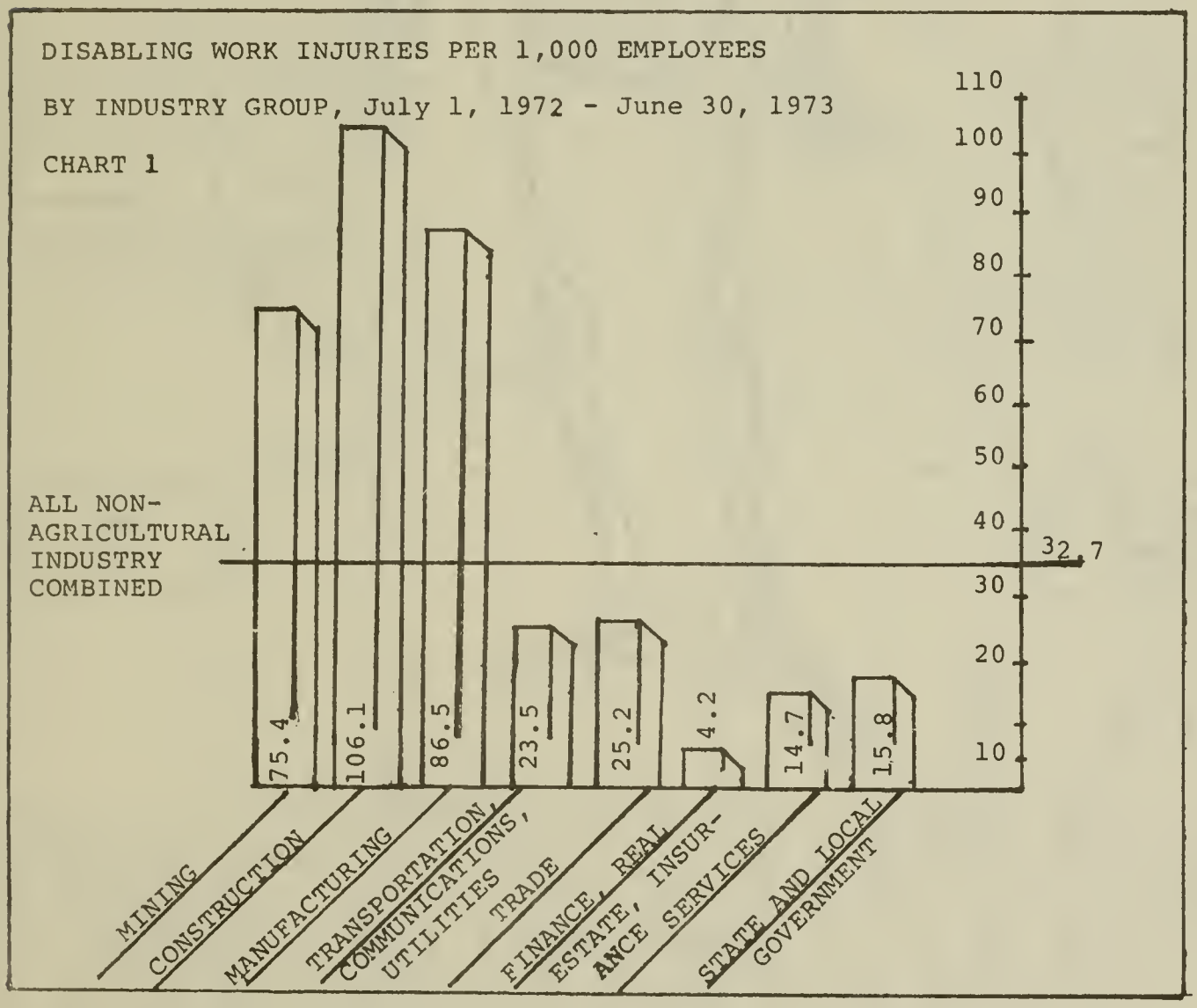
WORK INJURY EXPERIENCE IN MONTANA
JULY 1, 1915 THROUGH JUNE 30, 1973

YEAR	TOTAL NO. OF ACCIDENTS	PLAN I	PLAN II	PLAN III	FATALS	NO. OF ACCIDENTS FOR EACH 1,000 WORKERS
1915-1916	6,802	4,391	2,236	175	136	
1916-1917	8,325	5,412	2,386	527	307	
1917-1918	5,820	3,668	1,483	669	123	
1918-1919	5,474	4,164	664	646	122	
1919-1920	4,914	3,164	741	1,009	94	38
1920-1921	3,858	1,939	854	1,065	83	
1921-1922	3,368	1,591	805	972	51	
1922-1923	5,129	2,875	1,024	1,230	81	
1923-1924	5,789	3,017	1,353	1,419	87	
1924-1925	5,816	3,280	1,257	1,279	79	
1925-1926	6,804	3,715	1,548	1,541	78	
1926-1927	6,879	3,611	1,725	1,543	93	
1927-1928	7,018	2,988	1,985	2,045	85	
1928-1929	8,364	3,359	2,383	2,622	89	
1929-1930	8,895	2,839	2,702	3,354	94	65
1930-1931	6,868	------NOT AVAILABLE---			55	
1931-1932	6,446	1,253	2,319	2,874	56	
1932-1933	5,482	489	1,715	3,278	31	
1933-1934	7,036	899	1,572	4,565	49	
1934-1935	10,630	838	2,454	7,338	65	
1935-1936	11,904	1,674	2,489	7,741	93	
1936-1937	12,685	2,262	2,035	8,388	103	
1937-1938	11,767	2,237	2,065	7,465	90	
1938-1939	10,176	1,282	2,131	6,763	63	
1939-1940	11,557	1,642	1,944	7,971	70	78
1940-1941	12,547	1,771	2,383	8,393	73	
1941-1942	13,258	2,348	2,492	8,418	108	
1942-1943	12,650	2,121	3,498	7,031	152	
1943-1944	11,127	1,820	3,158	6,149	97	
1944-1945	10,829	1,536	3,377	4,765	56	
1945-1946	10,196	1,139	3,266	5,791	44	
1946-1947	13,583	1,517	4,582	7,484	68	99
1947-1948	15,677	1,850	5,588	8,239	46	109
1948-1949	16,783	1,752	7,016	8,015	83	116
1949-1950	16,600	1,749	7,115	7,736	76	112
1950-1951	18,227	1,976	8,387	7,964	95	122
1951-1952	18,987	2,020	9,015	7,952	81	124
1952-1953	19,497	1,968	8,718	8,811	73	126
1953-1954	18,859	1,978	7,881	9,000	68	121
1954-1955	19,362	1,692	7,682	9,988	87	121
1955-1956	20,852	2,022	7,818	11,012	77	125
1956-1957	21,026	1,066	7,242	11,718	85	125
1957-1958	18,862	1,933	6,540	10,389	61	115
1958-1959	19,509	2,033	7,162	10,314	59	118
1959-1960	20,308	2,179	7,934	10,195	68	122
1960-1961	19,869	2,042	8,106	9,721	49	120

TABLE 12

WORK INJURY EXPERIENCE IN MONTANA (Concluded)

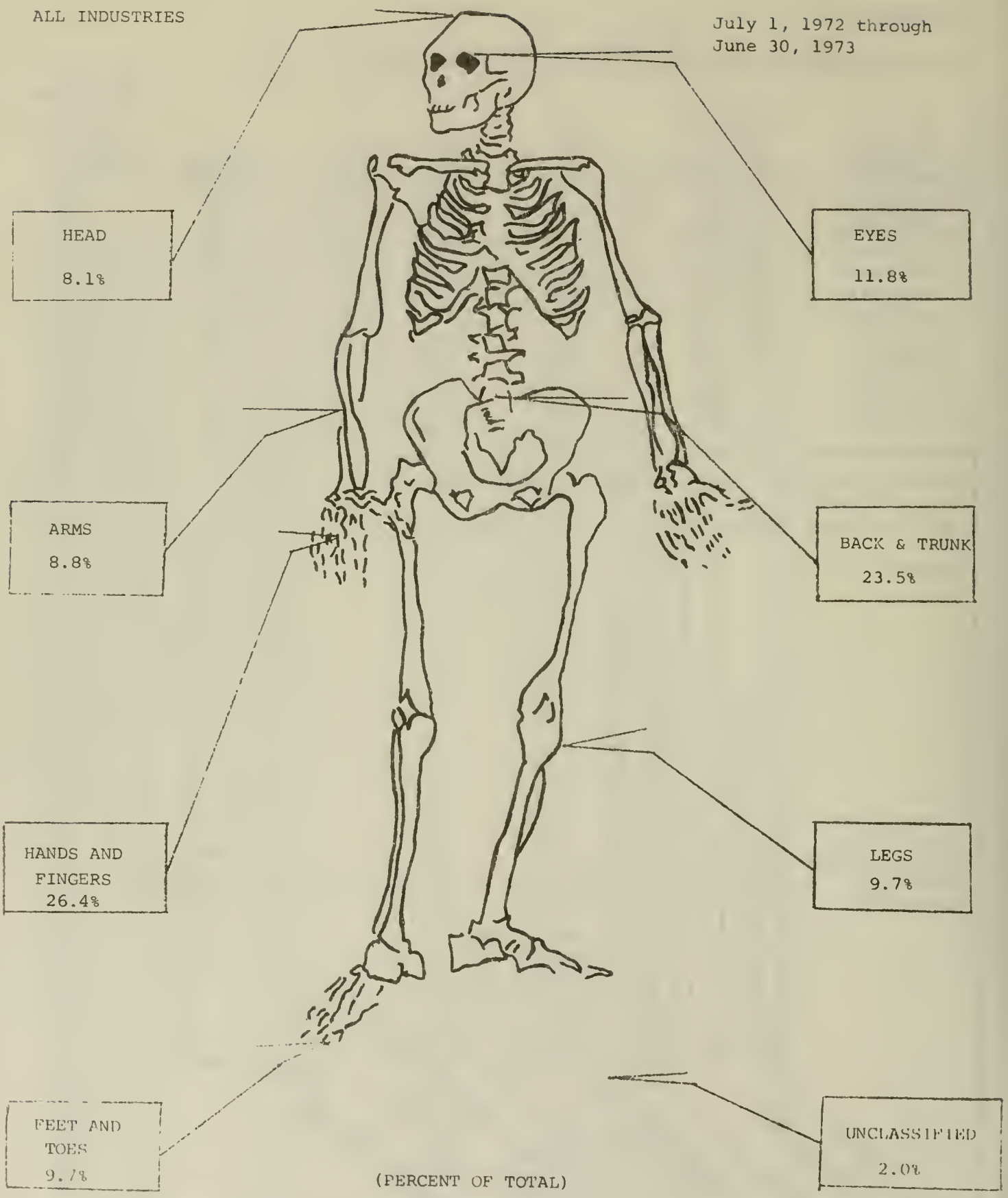
YEAR	TOTAL NO. OF ACCIDENTS	PLAN I	PLAN II	PLAN III	FATALS	NO. OF ACCIDENTS FOR EACH 1,000 WORKERS
1961-1962	20,153	2,430	9,113	8,610	53	117
1962-1963	21,005	2,117	10,460	8,460	51	120
1963-1964	21,393	2,306	10,246	8,841	59	122
1964-1965	22,032	2,797	10,205	9,030	65	125
1965-1966	22,949	3,148	10,293	9,508	47	125
1966-1967	22,767	3,075	10,549	9,143	56	122
1967-1968	22,799	2,957	10,839	9,003	51	120
1968-1969	23,195	3,192	10,643	9,360	45	118
1969-1970	22,476	3,107	10,151	9,218	51	114
1970-1971	21,986	3,034	9,724	9,228	49	110
1971-1972	22,439	2,822	9,995	9,622	48	110
1972-1973	23,821	3,216	11,366	9,239	56	112



REPORTED WORK INJURIES BY BODY LOCATION

ALL INDUSTRIES

July 1, 1972 through
June 30, 1973



(PERCENT OF TOTAL)

CHART 2

TABLE 13

ACCIDENT TYPE
BY MAJOR INDUSTRY

ALL INDUSTRIES
July 1, 1972 - June 30, 1973

ACCIDENT TYPE	PERCENT	TOTAL	AGRICULTURE AND AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS AND UTILITIES	TRADE	FINANCE, INSURANCE AND REAL ESTATE	SERVICE	
STRUCK BY OR STRIKING AGAINST	39.0	9,073	256	329	1,392	2,835	359	2,101	42	873	8
CAUGHT IN ON OR BETWEEN	7.7	1,856	49	164	263	647	78	322	14	140	1
FALLS AND/OR SLIPS	19.5	4,663	147	173	731	1,132	286	941	36	452	7
INVOLVING MOVING MOTOR VEHICLES	2.4	584	20	28	84	117	124	87	7	29	
STRAIN OR OVER-EXERTION	15.0	3,588	68	116	533	864	197	901	29	426	4
CONTACT WITH TEMPERATURE EXTREMES	2.6	659	13	25	118	147	20	184	1	90	
INHALATION, ABSORPTION, SWALLOWING	1.6	403	6	15	72	93	10	83	1	59	
CONTACT WITH ELECTRIC CURRENT	.1	59	1	4	19	8	8	11	---	3	
EXPLOSION, FLASH-BACK, ETC.	.7	179	2	13	35	52	6	43	---	15	
FOREIGN BODY IN EYE	9.0	2,146	43	62	593	670	80	446	4	144	1
HEART ATTACK, HEART DISEASE OR STRAIN	.1	36	1	3	7	6	3	4	---	6	
OTHER AND NOT STATED	2.3	575	21	20	85	113	58	82	1	59	1
TOTAL	100.0	23,821	627	952	3,932	6,684	1,229	5,205	135	2,296	2,7
PERCENT		100.0	2.6	4.0	16.5	28.0	5.2	21.9	.6	9.6	11

TABLE 14

AGENCY BY MAJOR INDUSTRY

July 1, 1972 - June 30, 1973

AGENCY	PERCENT	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS & UTILITIES	TRADE	FINANCE, INSURANCE & REAL ESTATE	SERVICE	GOVERNMENT
MACHINES	3.9	921	21	45	96	327	17	231	6	100	78
ELEVATORS	.1	15	---	4	1	2	-----	4	---	4	-----
HOISTING APPARATUS	1.1	255	1	133	43	39	7	22	---	4	6
CONVEYORS	.6	136	7	4	18	84	2	17	---	3	1
VEHICLES	5.5	1,307	41	52	151	258	202	288	11	110	194
HAND TOOLS	17.6	4,201	95	127	1,043	1,114	156	1,017	13	342	294
CHEMICALS, HOT OR INJURIOUS SUBSTANCES & DUSTS	8.9	2,129	35	75	485	588	70	476	4	224	172
WORKING SURFACES	18.1	4,307	101	159	657	1,057	265	875	31	441	721
LADDERS	1.2	292	6	10	81	50	18	66	2	15	44
CONTAINERS	3.7	891	12	15	49	121	53	366	10	155	110
TREES, LOGS & LUMBER	6.8	1,612	25	12	145	1,272	30	57	2	29	40
BOILERS & PRESSURE VESSELS	.3	81	1	8	19	16	4	14	---	7	12
PUMPS & PRIME-MOVERS	.3	73	1	4	6	6	7	32	1	4	12
MECHANICAL POWER TRANSMISSION APPARATUS	.7	168	6	20	17	74	5	29	3	6	8
ELECTRICAL APPARATUS	.4	106	2	8	31	14	10	27	---	9	5
FLYING PARTICLES, UNASSIGNED	5.7	1,356	25	38	383	406	48	290	4	81	81
ANIMALS	1.5	363	125	4	16	35	58	23	---	28	74
MOTION OR PRESSURE	10.5	2,497	46	81	342	609	133	665	22	281	318
ENVIRONMENTAL CONDITIONS	.2	52	3	3	10	15	3	2	1	4	11
MISCELLANEOUS AGENCIES	12.9	3,059	74	150	339	597	141	704	25	449	580
TOTAL	100.0	23,821	627	952	3,932	6,684	1,229	5,205	135	2,296	2,761
PERCENT		100.0	2.6	4.0	16.5	28.0	5.2	21.9	0.6	9.6	11.6

TABLE 15

NATURE OF INJURY
BY MAJOR INDUSTRY

ALL INDUSTRIES

July 1, 1972 - June 30, 1973

	PERCENT	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS & UTILITIES	TRADE	FINANCE, INSURANCE, REAL ESTATE	SERVICE	GOVERNMENT
AMPUTATION, LOSS OF, LOSS OF USE OF	.6	134	11	17	19	39	3	27	1	3	14
BURNS OR SCALDS	4.2	996	15	41	193	226	36	264	1	130	90
CUTS, LACERATIONS, PUNCTURES, ETC.	27.1	6,452	175	158	991	1,885	283	1,683	34	666	577
STRAINS, SPRAINS, DISLOCATIONS	25.3	6,015	158	205	914	1,520	359	1,364	37	612	846
CRUSHING INJURIES	1.4	331	4	29	64	110	20	62	2	14	26
FRACTURES	6.9	1,654	64	138	270	455	93	302	10	123	199
HERNIA	.8	189	6	14	20	45	5	51	4	16	28
INDUSTRIAL DISEASE	.8	202	7	6	47	51	8	29	1	24	29
BRUISES, CONTUSIONS	15.2	3,635	79	203	507	1,208	211	593	21	331	482
HEART DISEASE, STRAIN, STROKE, CEREBRAL HEMORRHAGE, ETC.	.1	33	2	3	4	4	3	3	--	6	8
FOREIGN BODY IN EYE	8.8	2,089	42	63	569	657	75	432	4	144	103
OTHER	8.8	2,091	64	75	334	484	133	395	20	227	359
TOTAL	100.0	23,821	627	952	3,932	6,684	1,229	5,205	135	2,296	2,761
PERCENT		100.0	2.6	4.0	16.5	28.0	5.2	21.9	0.6	9.6	11.6

TABLE 16

BODY LOCATION
BY MAJOR INDUSTRY
ALL INDUSTRIES

July 1, 1972 - June 30, 1973

	PERCENT	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATIONS & UTILITIES	TRADE	FINANCE, INSURANCE & REAL ESTATE	SERVICE	GOVERNMENT
EYES	11.8	2,797	55	83	724	869	106	559	9	220	172
HEAD, FACE & NECK	8.1	1,928	55	81	317	526	118	384	17	179	251
BACK & SPINE	16.7	3,976	86	139	598	959	253	992	29	390	530
TRUNK	6.8	1,608	47	78	253	420	88	289	8	167	258
ARMS	8.8	2,107	61	86	308	642	94	418	10	208	280
HANDS & WRISTS	9.9	2,353	48	84	375	703	101	570	7	232	233
FINGERS	16.5	3,924	88	166	515	1,085	131	1,108	26	445	360
LEGS	9.7	2,318	94	106	353	733	143	367	8	210	304
FEET & ANKLES	8.0	1,914	72	85	348	531	105	349	13	162	249
TOES	1.7	408	7	18	62	132	20	88	3	39	39
BODY N.O.C. OR NOT STATED	2.0	488	14	26	79	84	70	81	5	44	85
TOTAL	100.0	23,821	627	952	3,932	6,684	1,229	5,205	135	2,296	2,761
PERCENT		100.0	2.6	4.0	16.5	28.0	5.2	21.9	.6	9.6	11.6

TABLE 17

NATURE OF INJURY
BY BODY LOCATION
ALL INDUSTRIES

July 1, 1972 -
June 30, 1973

	PERCENT	TOTAL	EYES	HEAD, FACE & NECK	BACK & SPINE	TRUNK	ARMS	HANDS & WRISTS	FINGERS	LEGS	FEET & ANKLES	TOES
AMPUTATION, LOSS OF, LOSS OF USE OF	.6	134	2	13	2	2	2	2	99	3	2	6
BURNS AND SCALDS	4.2	996	326	142	9	28	139	162	49	73	46	1
CUTS, LACERATIONS, PUNCTURES, ETC.	27.1	6,452	203	798	35	78	457	1,146	2,584	685	370	55
STRAINS, SPRAINS, DISLOCATIONS	25.3	6,015	2	251	3,164	319	611	261	150	506	717	14
CRUSHING INJURIES	1.4	331	-----	2	5	5	1	32	226	11	15	22
FRACTURES	6.9	1,654	-----	224	44	218	150	177	344	120	197	158
HERNIA	.8	189	-----	1	-----	175	-----	-----	-----	-----	-----	---
INDUSTRIAL DISEASE	.8	202	8	24	5	30	18	47	11	9	5	5
BRUISES & CONTUSIONS	15.2	3,635	64	240	234	418	522	421	396	654	469	128
HEART DISEASE, STRAIN, STROKE, CEREBRAL HEMORRHAGE, ETC.	.1	33	-----	-----	-----	33	-----	-----	-----	-----	-----	---
FOREIGN BODY IN EYE	8.8	2,089	2,086	-----	-----	2	-----	-----	1	-----	-----	---
OTHER	8.8	2,091	106	233	478	300	207	105	64	257	93	19
TOTAL	100.0	23,821	2,797	1,928	3,976	1,608	2,107	2,353	3,924	2,318	1,914	408
PERCENT		100.0	11.7	8.1	16.7	6.8	8.8	9.9	16.5	9.7	8.0	1.7

TABLE 18

AGENCY BY
ACCIDENT TYPE

ALL INDUSTRIES

July 1, 1972 -
June 30, 1973

	PERCENT	TOTAL	STRUCK BY OR STRIKING AGAINST	CAUGHT IN, ON OR BETWEEN	SLIPS AND FALLS	ACCIDENTS INVOLVING MOVING VEHICLES	STRAIN OR OVER-EXERTION	CONTACT WITH TEMPERATURE EXTREMES	INHALATION, ABSORP-TION OR SWALLOWING	CONTACT WITH ELECTRIC CURRENT	EXPLOSION, FLASH-BACK, ETC.	FOREIGN BODY IN EYE	HEART ATTACK, HEART DISEASE OR STRAIN	OTHER, NOT STATED OR CLASSIFIED
MACHINES	3.9	921	499	363	7	---	39	3	---	--	1	6	--	3
ELEVATORS	.1	15	5	9	-----	---	-----	---	---	--	---	-----	--	1
HOISTING APPARATUS	1.1	255	134	106	1	---	14	---	---	--	---	-----	--	---
CONVEYORS	.6	136	65	66	4	---	1	---	---	--	---	-----	--	---
VEHICLES	5.5	1,307	415	216	28	581	54	1	1	--	2	-----	--	9
HAND TOOLS	17.6	4,201	3,604	323	22	---	212	3	1	2	3	12	--	19
CHEMICALS, HOT OR INJURIOUS SUBSTANCES	8.9	2,129	24	2	4	---	4	596	390	1	106	962	--	40
WORKING SURFACES	18.1	4,307	44	13	4,219	1	24	1	---	--	---	1	2	2
LADDERS	1.2	292	20	4	259	---	6	---	---	--	---	1	--	2
CONTAINERS	3.7	891	560	63	4	---	245	2	---	--	11	3	--	3
TREES, LOGS, LUMBER	6.8	1,612	1,294	186	23	---	95	---	1	--	---	7	--	6
BOILERS, PRESSURE VESSELS	.3	81	40	7	-----	---	13	1	---	--	19	-----	--	1
PUMPS, PRIME-MOVERS	.3	73	34	29	-----	---	8	1	---	--	1	-----	--	---
MECHANICAL POWER	.7	168	43	116	3	1	5	---	---	--	---	-----	--	---
ELECTRICAL APPARATUS	.4	106	27	5	-----	---	7	5	---	53	9	-----	--	---
FLYING PARTICLES, UNASSIGNED	5.7	1,356	202	2	-----	---	-----	2	2	--	1	1,144	--	3
ANIMALS	1.5	363	143	12	49	---	4	---	---	--	---	-----	--	155
MOTION OR PRESSURE	10.5	2,497	5	-----	10	---	2,460	2	---	--	---	1	4	15
ENVIRONMENTAL CONDITIONS	.2	52	-----	-----	-----	---	-----	38	2	1	1	-----	1	9
MISC. AGENCIES	12.8	3,059	1,915	334	30	1	397	4	6	2	25	9	29	307
TOTAL	99.9	23,821	9,073	1,856	4,663	584	3,588	659	403	59	179	2,146	36	575
PERCENT		100.0	38.1	7.8	19.6	2.4	15.1	2.8	1.7	.2	.8	9.0	.1	2.4

TABLE 19

SEX AND MARITAL STATUS BY AGE GROUP

ALL INDUSTRIES

July 1, 1972 - June 30, 1973

Age Group	MALE Total	MALE Single	MALE Married	MALE Status Unknown	FEMALE Total	FEMALE Single	FEMALE Married	FEMALE Status Unknown	Total Both Sexes	% Gr To
Under 14	NOT AVAILABLE				NOT AVAILABLE				NOT AVAILAB	
14-15	24	24	------	-----	13	13	-----	-----	37	--
16-17	360	342	10	8	97	93	3	1	458	
18-19	1,398	1,183	173	42	235	180	44	11	1,633	
20-24	4,076	1,953	2,012	111	514	257	242	15	4,591	
25-29	3,133	624	2,427	82	273	94	167	12	3,407	
30-34	2,352	326	1,977	49	206	45	152	9	2,558	
35-39	1,843	178	1,629	36	230	41	179	10	2,073	
40-44	1,602	167	1,406	29	227	43	179	5	1,830	
45-49	1,359	156	1,186	17	242	45	189	8	1,602	
50-54	1,263	134	1,103	26	270	61	201	8	1,533	
55-59	1,047	126	904	17	293	107	172	14	1,340	
60-64	746	79	658	9	151	79	68	4	897	
65-69	131	28	100	3	30	18	10	2	161	
70-74	56	15	40	1	15	11	4	-----	71	
75 & over	15	7	8	-----	8	7	1	-----	23	--
Age not reported	1,436	392	910	134	170	57	86	27	1,607	
TOTAL	20,841	5,734	14,543	564	2,974	1,151	1,697	126	23,821	
Percent of total	87.6	24.1	61.1	2.4	12.4	4.8	7.1	.5		

Median Age of Workers Injured: (Both Sexes) 31.4
Median Age of Male Workers Injured: 31.0
Median Age of Female Workers Injured: 35.9

TABLE 20

AGE AND INDUSTRY DIV.
ALL WORK INJURIES

July 1, 1972-
June 30, 1973

AGE	TOTAL	AGRICULTURE & AGRICULTURAL SERVICES	MINERAL EXTRACTION	CONTRACT CONSTRUCTION	MANUFACTURING	TRANSPORTATION, COMMUNICATION & UTILITIES	TRADE	FINANCE, INSURANCE & REAL ESTATE	SERVICE	GOVERNMENT
Under 14	NOT AVAILABLE									
14-15	37	4	---	1	3	-----	12	---	6	11
16-17	458	35	---	21	53	9	233	4	70	33
18-19	1,633	54	63	196	502	34	489	5	203	87
20-24	4,591	109	217	727	1,459	154	1,081	15	450	379
25-29	3,407	62	138	555	1,075	206	731	18	289	333
30-34	2,558	43	120	506	761	172	500	15	190	251
35-39	2,073	42	77	375	602	134	417	7	186	233
40-44	1,830	46	78	318	503	145	343	11	165	221
45-49	1,602	49	61	274	383	112	313	10	151	249
50-54	1,533	31	58	241	336	105	300	13	163	286
55-59	1,340	38	46	174	263	76	233	11	180	319
60-64	897	33	32	127	191	30	166	9	116	193
65-69	161	16	2	17	25	8	25	3	20	45
70-74	71	8	1	6	7	2	13	3	13	18
75 & over	23	2	---	2	3	1	5	2	2	6
Age Not Given	1,607	55	59	392	518	41	344	9	92	97
TOTAL	23,821	627	952	3,932	6,684	1,229	5,205	135	2,296	2,761
Median Age (Years)	31.4	32.0	30.7	32.2	29.5	35.2	28.7	38.8	31.7	39.6

TABLE 21

DISTRIBUTION OF WEEKLY WAGES
OF 23,821 INJURED WORKERS*

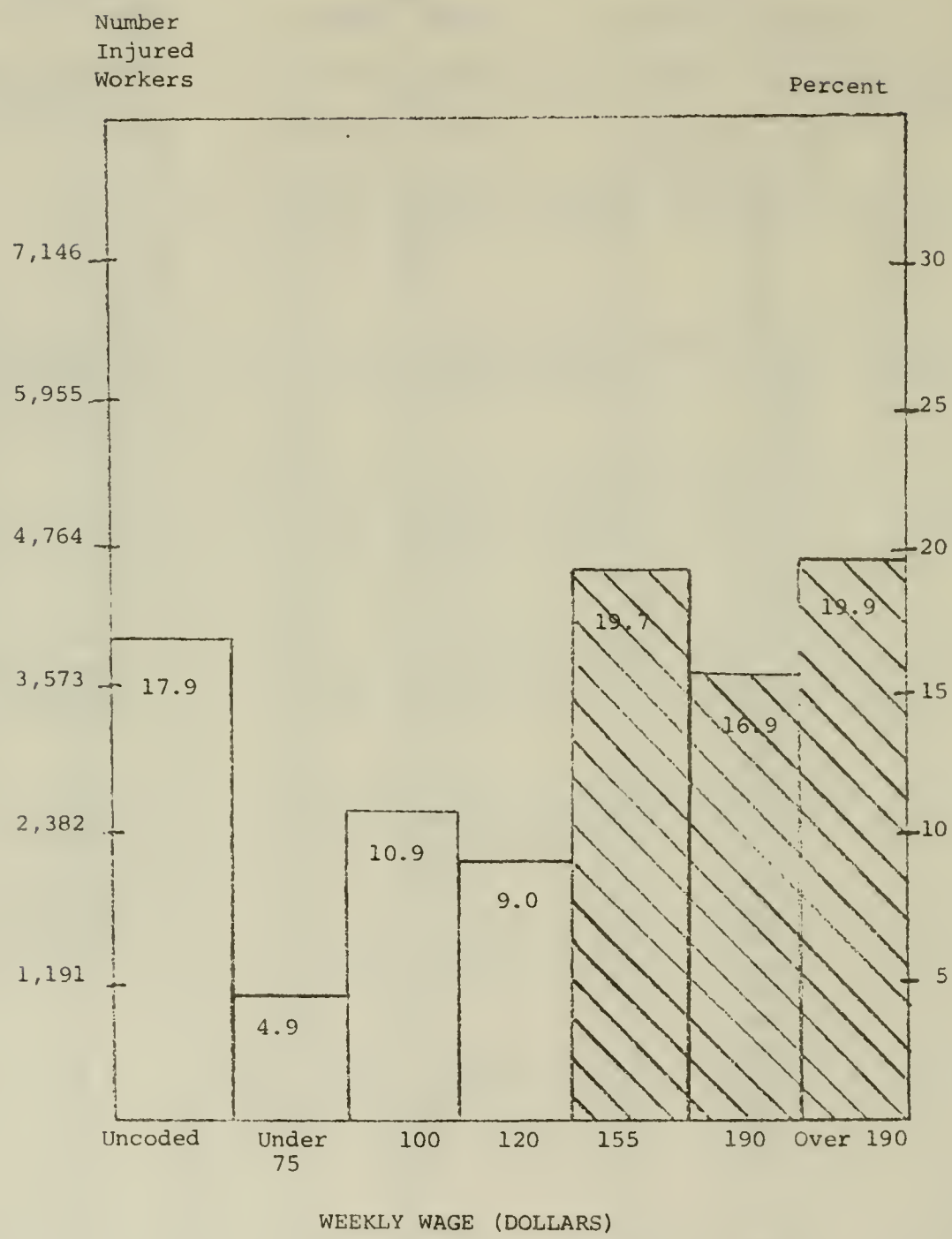
July 1, 1972 - June 30, 1973

WEEKLY WAGE	TOTAL NUMBER	TOTAL PERCENT	MEN NUMBER	MEN PERCENT	WOMEN NUMBER	WOMEN PERCENT
Total	23,821	100.0	20,841	100.0	2,974	100.0
Under $30	NOT AVAILABLE		NOT AVAILABLE		NOT AVAILABLE	
$ 31- 35	6	-----	2	-----	4	.1
36- 40	18	.1	13	.1	5	.2
41- 45	12	.1	8	-----	4	.1
46- 50	52	.2	34	.2	18	.6
51- 55	50	.2	29	.1	21	.7
56- 60	90	.4	54	.3	36	1.2
61- 65	275	1.2	127	.6	148	5.0
66- 70	383	1.6	180	.9	203	6.8
71- 75	298	1.2	150	.7	147	4.9
76- 80	564	2.4	332	1.6	232	7.8
81- 85	346	1.4	177	.8	169	5.7
86- 90	611	2.6	359	1.7	252	8.5
91- 95	452	1.9	293	1.4	159	5.4
96-100	736	3.1	570	2.7	166	5.6
101-105	426	1.8	312	1.5	114	3.8
106-110	556	2.3	455	2.2	101	3.4
111-115	527	2.2	446	2.1	81	2.7
116-120	646	2.7	579	2.8	67	2.3
121-125	416	1.7	368	1.8	48	1.6
126-130	541	2.3	513	2.5	28	.9
131-135	543	2.3	514	2.5	29	1.0
136-140	1,116	4.7	1,068	5.1	48	1.6
141-145	634	2.7	607	2.8	26	.9
146-150	925	3.9	879	4.2	46	1.6
151-155	519	2.2	495	3.4	24	.8
156-160	818	3.4	796	3.8	22	.8
161-165	638	2.7	619	3.0	19	.7
166-170	634	2.7	621	3.0	13	.4
171-175	506	2.1	490	2.3	16	.5
176-180	550	2.3	537	2.6	13	.4
181-185	488	2.0	481	2.3	7	.2
186-190	405	1.7	387	1.9	17	.6
191-195	285	1.2	277	1.3	8	.3
196-200	464	1.9	454	2.2	10	.3
201-205	357	1.5	351	1.7	6	.2
206-210	324	1.4	314	1.5	10	.3
211-215	149	.6	146	.7	3	.1
Over $216	3,178	13.3	3,153	15.1	25	.8
Not Coded	4,283	18.0	3,651	17.5	629	21.2
Arithmetic Mean	$133.04		$142.20		$95.48	
Median Wage	$148.04		$155.69		$89.18	

CHART 3

DISTRIBUTION OF WEEKLY WAGES OF INJURED WORKERS

July 1, 1972 through June 30, 1973



The shaded section of the chart represents earnings above that required to enable the injured workmen to qualify for the maximum weekly benefit of $80.00. 56.6% of all injured workers had earnings above that required to qualify for the maximum weekly benefit.

TABLE 2

WORK INJURIES AS
REPORTED BY COUNTY

ALL INDUSTRIES
July 1, 1972 - June 30, 1973

County	Percent	Total	No Lost Time	Percent	Lost Time	Percent	Other	Percent
Beaverhead	1.0	251	162	1.0	80	1.2	9	.9
Big Horn	.9	206	141	.9	54	.8	11	1.2
Blaine	.7	177	119	.8	52	.7	6	.6
Broadwater	.5	112	66	.4	41	.6	5	.5
Carbon	.6	152	108	.7	38	.6	6	.6
Carter	.1	16	8	.1	7	.1	1	[illegible]
Cascade	8.2	1,966	1,318	8.3	582	8.4	66	6.9
Choteau	.7	164	103	.7	51	.7	10	1.1
Custer	1.8	374	284	1.8	77	1.1	13	1.4
Daniels	.1	23	10	.1	12	.2	1	.1
Dawson	1.2	276	153	1.0	107	1.5	16	1.7
Deer Lodge	3.1	749	480	3.0	228	3.3	41	4.3
Fallon	.5	108	60	.4	45	.7	3	.3
Fergus	1.1	266	186	1.2	62	.9	18	1.9
Flathead	6.9	1,652	1,084	6.8	521	7.5	47	4.9
Gallatin	4.9	1,174	801	5.0	322	4.7	51	5.3
Garfield	.1	25	17	.1	8	.1	--	---
Glacier	1.3	306	192	1.2	105	1.5	9	.9
Golden Valley	---	9	7	---	2	---	--	---
Granite	.8	203	120	.7	81	1.2	2	.2
Hill	2.1	493	338	2.1	128	1.8	27	2.8
Jefferson	1.0	233	137	.9	72	1.0	24	2.5
Judith Basin	.1	38	22	.1	15	.2	1	.1
Lake	2.2	523	386	2.4	126	1.8	11	1.2
Lewis & Clark	5.2	1,228	857	5.4	308	4.4	63	6.6
Liberty	.1	31	18	.1	12	.2	1	.1
Lincoln	5.3	1,272	869	5.5	288	4.2	115	12.0
Madison	.2	36	20	.1	16	.2	--	---
McCone	.4	85	51	.3	31	.4	3	.3
Meagher	.5	127	85	.5	35	.5	7	.7
Mineral	1.2	283	151	1.0	122	1.8	10	1.0
Missoula	11.8	2,816	2,071	13.0	636	9.2	109	11.4
Musselshell	.5	118	59	.4	54	.8	5	.5
Park	1.3	321	201	1.3	108	1.6	12	1.3
Petroleum	---	11	6	---	5	.1	--	---
Phillips	.4	85	54	.3	30	.4	1	.1
Pondera	.7	164	118	.7	40	.6	6	.6
Powder River	.2	42	29	.2	11	.2	2	.2
Powell	1.6	382	243	1.5	126	1.8	13	1.4
Prairie	.1	21	16	.1	4	.1	1	.1
Ravalli	1.5	364	231	1.4	117	1.7	16	1.7
Richland	1.3	307	186	1.2	109	1.6	12	1.3
Roosevelt	.7	174	104	.6	63	.9	7	.7
Rosebud	1.0	252	156	1.0	86	1.2	10	1.1
Sanders	1.8	425	274	1.7	139	2.0	12	1.3
Sheridan	.3	71	45	.3	23	.3	3	.3
Silver Bow	4.5	1,071	652	4.1	365	5.3	54	5.7

TABLE 22

WORK INJURIES AS
REPORTED BY COUNTY (Concluded)

ALL INDUSTRIES
July 1, 1972 - June 30, 1973

County	Percent	Total	No Lost Time	Percent	Lost Time	Percent	Other	Percent
Stillwater	.4	91	62	.4	27	.4	2	.2
Sweet Grass	.3	76	50	.3	21	.3	5	.5
Teton	.5	113	76	.5	32	.5	5	.5
Toole	.5	130	87	.6	40	.6	3	.3
Treasure	.1	31	20	.1	9	.1	2	.2
Valley	1.2	285	198	1.2	83	1.2	4	.4
Wheatland	.2	46	31	.2	15	.2	--	---
Wibaux	.2	40	22	.1	15	.2	3	.3
Yellowstone	14.8	3,527	2,450	15.4	1,001	14.4	76	7.9
Out of State	1.1	264	126	.7	124	1.8	14	1.5
Other	.2	36	18	.1	16	.2	2	.2
TOTALS	100.0	23,821	15,938	66.0	6,927	29.9	956	4.0

BUREAU OF SAFETY AND HEALTH

ANNUAL REPORT

July 1, 1972 - June 30, 1973

Thirteen of the Bureau of Safety and Health's personnel attended a one-week Health Hazard Recognition Course conducted by NIOSH in Billings, Montana.

Ten Bureau of Safety and Health personnel completed the month long Federal Basis Compliance Officer Training Course conducted by NIOSH in Rosemont, Illinois.

The Biennial Governor's Safety Conference was held in August, 1972. The emphasis for the conference was placed on OSHA with the hope of giving the public a better understanding of Occupational Safety and Health as it applies to the various industries in Montana and to try to stimulate a greater participation by all employers and employees in occupational safety and health programs in every Montana workplace regardless of size or work process.

The Montana State Developmental Plan for Occupational Safety and Health was one of the first plans approved by the U. S. Department of Labor. The approval came on November 30, 1972. This was the end result of a $90,246.00 federal grant which was made available for the purpose of developing the State Plan.

An agreement, in accordance with section 7(c)(1) of the Federal Occupational Safety and Health Act, was entered into with the U. S. Department of Labor. This 50/50, 7(c)(1) agreement allows state personnel to work for the U. S. Department of Labor as Compliance Officers, to make safety and health inspections while remaining state employees.

Working under a $31,697.00 federal grant, the Standards Advisory Council reviewed the federal OSHA standards in preparation for adoption as Montana Standards. Their recommendations have been submitted to the Workmen's Compensation Division.

A $67,576.56 federal grant was received by the Bureau of Safety and Health for training and development of standards for coal mine safety and health.

A $32,598.00 planning grant was requested and received to survey the needs and establish priorities in the field of industrial safety relating to public employees.

One Bureau of Safety and Health Health Technician completed a 12-week Industrial Hygiene Course at Norman, Oklahoma.

Surveys, resulting from a $32,278.00 federal grant to survey needs and

establish priorities in the field of industrial fire prevention, have been completed and a report of the findings has been submitted to the U. S. Department of Labor.

There was a total of 98 safety meetings and courses, with 1,444 people attending, conducted by the Bureau of Safety and Health that were specifically geared to acquaint employers and employees with the Occupational Safety and Health Act and the standards pertaining to the Act.

A Technical Support Library has been set up by the Bureau. The library provides the necessary reference to source documents which were adopted in the federal OSHA Standards. Since these publications are not available from any other source in the state, the technical support library is available to the public for its use. Along with the source documents, the library also contains many other books relating to occupational safety and health which are available to anyone needing information relative to their particular occupational safety and health needs.

Employer consultation services have been continued to the extent of 403 Advisory Inspections completed. These inspections allow any Montana employer to find out where his establishment is in violation of OSHA standards, without penalty.

An 8-hour Safety and Health Hazard Recognition Course is in the development stages along with a Self-Inspection Form; both to be implemented in the fall of 1973.

PERFORMANCE INDICATORS

TABLE 23

	Historic 1971-72	Current 1972-73
Work Injuries Reported	23,195	23,821
Compensation Claims Filed	3,698	4,132
Hearings Held	149	167
Safety Compliance Officers	14	16
Health Compliance Officers	2	2
Support Personnel	14	15
Information Meetings	617	532
Persons Reached at Meetings	5,213	4,562
Advisory Inspections Requested and Performed	226	403
Safety Inspections Conducted (Boiler Inspections by Insurance Companies)	*4,362	1,744 2,775
Work Orders/Citations Issued	1,216	1,119
Special Reports/Complaints	127	134
Accidents Investigated (Fatal and Non-Fatal)	126	99
Boiler Licenses Renewed	2,954	2,625
Boiler License Examinations Given	476	527
First Aid Courses Conducted	26	42
Presentations of Safety Films	158	65
Industrial Safety Courses Conducted	9	
Safety Field Surveys	119	72
Health Field Surveys	116	112
Fire Field Surveys	135	437
"Work Injury Reports" Printed and Distributed	500	500

* Boiler Inspections by Insurance Companies were combined for one total